(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 5 February 2004 (05.02.2004)

PCT

(10) International Publication Number WO 2004/010769 A1

(51) International Patent Classification7: A01G 27/00

(21) International Application Number:

PCT/GB2003/003266

(22) International Filing Date: 24 July 2003 (24.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

. 0217458.9 27 July 2002 (27.07.2002) GB 4

(71) Applicant (for all designated States every) USE SMART TECH LTD [GB/GB]: 6 Kilmardinny Grove, Bearsden, Glasgow G61 3NY (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GRAHAM, Graham [GB/GB]; 8 Kilmardinny Grove, Bearsden, Glasgow G61–3NY (GB), MARTIN, Charles [GB/GB]; 14 Broughton, East Kilbride, Glasgow G75 0JU (GB).

(74) Agent: KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB). (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DE (utility model), DE, DE (utility model), DE, EE, ES, FL GB, GD, GE, GH, GM, HR, HU, HD, HL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

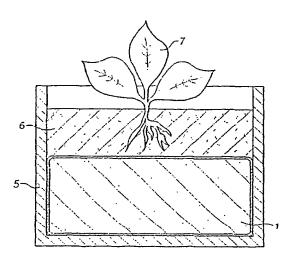
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR). OAPI patent (BF, BJ, CE, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidonce Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gozette.

(54) Title: PLANT WATERING SYSTEM



(57) Abstract: The invention relates to a plant watering system and in particular a system which allows the long-term watering of plants without the need for an open reservoir. The invention uses a water insoluble polymer contained within a porous bag or enclosure (1) to hold water in a reservoir type manner, which can then be provided to the plant (7) as required.